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| FORM PTO-3449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | Docket No. P0370US-7 | Application Number 10/848,937 |
| | Applicant NAKAMURA et al. | |
| | Filing Date MAY 18, 2004 | Group Art Unit 2828 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | | | | | | | Date | Name | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------------|---|---|---|---|---|---|----------|----------------|-------|----------|----------------------------|
| KP | 4 | 9 | 1 | 2 | 5 | 3 | 2 | 03/27/90 | COOK et al. | 357 | 16 | |
| | 5 | 1 | 0 | 3 | 2 | 7 | 1 | 04/07/92 | IZUMIYA et al. | 357 | 17 | |
| | 4 | 9 | 0 | 2 | 3 | 5 | 6 | 02/20/90 | NOGUCHI et al. | 148 | 33.4 | |
| | 6 | 8 | 4 | 9 | 8 | 7 | 8 | 02/01/05 | BADER et al. | 257 | 103 | |
| | 6 | 7 | 4 | 0 | 6 | 0 | 4 | 05/25/04 | KELLY et al. | 438 | 795 | |
| | 6 | 6 | 0 | 7 | 9 | 3 | 1 | 08/19/03 | STREUBEL | 438 | 22 | |
| | 6 | 5 | 5 | 9 | 0 | 7 | 5 | 05/06/03 | KELLY et al. | 438 | 795 | |
| | 6 | 4 | 2 | 0 | 2 | 4 | 2 | 07/16/02 | CHEUNG et al. | 438 | 458 | |
| | 6 | 0 | 7 | 1 | 7 | 9 | 5 | 06/06/00 | CHEUNG et al. | 438 | 458 | |
| | 5 | 9 | 5 | 8 | 6 | 8 | 7 | 11/16/99 | BOWERS et al. | 438 | 46 | |
| | 6 | 8 | 0 | 0 | 5 | 0 | 0 | 10/05/04 | COMAN et al. | 438 | 22 | |

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|----|-----------------|----|---|---|---|---|--|----------|---------|-------|----------|-------------|----|
| | | | | | | | | | | | | Yes | No |
| KP | 61 | 05 | 9 | 8 | 8 | 6 | | 03/27/86 | JAPAN | | | | X |
| KP | 11 | 23 | 8 | 9 | 1 | 3 | | 08/31/99 | JAPAN | | | | X |
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| KP | 1 | PUBLICATION NO. US2004/0072382 A1, KELLY et al. 04/15/04. |
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| Examiner /Kevin Picardat/ | | Date Considered 01/04/2007 |

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| KP ↓ | 6 | 4 | 2 | 0 | 1 | 9 | 9 | 07/16/02 | COMAN et al. | 438 | 22 | |
| | 5 | 3 | 7 | 6 | 5 | 8 | 0 | 12/27/94 | KISH et al. | 437 | 127 | |
| | 6 | 7 | 5 | 7 | 3 | 1 | 4 | 06/29/04 | KNEISSL et al. | 372 | 50 | |
| | 6 | 5 | 6 | 2 | 6 | 4 | 8 | 05/13/03 | WONG et al. | 438 | 46 | |
| | 6 | 4 | 4 | 8 | 1 | 0 | 2 | 09/10/02 | KNEISSL et al. | 438 | 46 | |
| | 6 | 3 | 6 | 5 | 4 | 2 | 9 | 04/02/02 | KNEISSL et al. | 438 | 46 | |
| | 5 | 5 | 0 | 2 | 3 | 1 | 6 | 03/26/96 | KISH et al. | 257 | 94 | |
| | 6 | 8 | 0 | 9 | 3 | 4 | 1 | 10/26/04 | HSU et al. | 257 | 79 | |
| | 6 | 7 | 1 | 6 | 6 | 5 | 4 | 04/06/04 | HSU et al. | 438 | 22 | |
| | 6 | 8 | 4 | 6 | 6 | 8 | 6 | 01/25/05 | SAEKI et al. | 438 | 22 | |
| | 6 | 4 | 6 | 5 | 8 | 0 | 9 | 10/15/02 | FURUKAWA et al. | 257 | 94 | |

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| KP | 2 | PUBLICATION NO. US 2003/0173602, HSU et al., 09/18/2003. |
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|---|-----------------|---|---|---|---|---|---|----------|----------------|-------|----------|----------------------------|
| KP  | 6 | 3 | 0 | 3 | 4 | 0 | 5 | 10/16/01 | YOSHIDA et al. | 438 | 46 | |
| | 6 | 8 | 0 | 6 | 1 | 1 | 2 | 10/19/04 | HORNG et al. | 438 | 29 | |
| | 6 | 7 | 8 | 6 | 3 | 9 | 0 | 09/07/04 | YANG et al. | 228 | 179.1 | |
| | 6 | 4 | 6 | 8 | 8 | 2 | 4 | 10/22/02 | CHEN et al. | 438 | 46 | |
| | 6 | 6 | 7 | 7 | 1 | 7 | 3 | 01/13/04 | OTA | 438 | 22 | |
| | 6 | 2 | 5 | 8 | 6 | 9 | 9 | 07/10/01 | CHANG et al. | 438 | 458 | |
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| Form PTO 158 (Modified) OFFICE AUG 06 2004 PATENT & TRADEMARK OFFICE | INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | Docket No. P0370US-7 | Application Number 10/848,937 |
| | Applicant NAKAMURA et al. | | | |
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|------------------|-----------------|---|---|---|---|---|---|---------|-----------------|-------|----------|----------------------------|
| KP | 6 | 0 | 7 | 1 | 7 | 9 | 5 | 6/2000 | CHEUNG et al. | 438 | 458 | |
| KP | 6 | 4 | 2 | 0 | 2 | 4 | 2 | 7/2002 | CHEUNG et al. | 438 | 458 | |
| KP | 5 | 6 | 7 | 9 | 1 | 5 | 2 | 10/1997 | TISCHLER et al. | 117 | 97 | |
| KP | 6 | 4 | 7 | 5 | 8 | 8 | 9 | 11/2002 | RING | 438 | 571 | |
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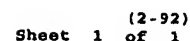
| | Document Number | | | | | | | Date | Country | Class | Subclass | Translation | |
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| KP | 1 | M.K. KELLY et al., "OPTICAL PROCESS FOR LIFTOFF OF GROUP III-NITRIDE FILMS", RAPID RESEARCH NOTE, TECHNISCHE UNIVERSITÄT MÜNCHEN, GARCHING, GERMANY, (NOV. 28, 1996) pp. 1-2. |
| KP | 2. | E.F. SCHUBERT et al., "RESONANT CAVITY LIGHT-EMITTING DIODE", AT&T BELL LABORATORIES, MURRAY HILL, NEW JERSEY, (1991) pp. 921-923. |
| KP | 3 | E.F. SCHUBERT, <u>LIGHT EMITTING DIODES</u> , CAMBRIDGE UNIVERSITY PRESS, (2003) pp. 198-211. |
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| | Filing Date May 18, 2004 | Group Art Unit 2828 |

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| Document (Including Index, Title, Date, Filing Page(s), Etc.) | | |
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| KP | 1 | US 2002/068396 A1 (FITZGERALD, EUGENE, JUNE 6, 2002. |
| KP | 2 | US002/0000559 A1 HOOF, CHRIS VAN et al., JANUARY 3, 2002. |
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